UNITED STATES PATENT AND TRADEMARK OFFICE

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09/887,982	06/22/2001	Babak Rezvani	CT-006	8195

			EXAMINER

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EXAMINER
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ART UNIT	PAPER NUMBER
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Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>22 June 2001</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-60</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-60</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date <u>5-8,12-13</u>.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____ .

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____ .

DETAILED ACTION

1.   Claims **1-60** are presented for examination.

Claim Rejections - 35 USC § 102

2.   The following is a quotation of the appropriate paragraphs of 35 U.S.C.

§ 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless --
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3.   Claims 1-60 are rejected under 35 U.S.C. § 102(e) as being anticipated

by **Humpleman et al.** (hereinafter Humpleman) U.S. Patent No. **6,288,716**.

4.   As to claim 1, Humpleman teaches the invention as claimed, including a

method for controlling a device using a virtual representation of the device comprising:

registering information regarding a virtual representation of the device at a

remote site (figures 1, 4, col. 9, lines 30-col. 10, lines 58, col. 11, lines 60-col. 12, lines

22);

generating the virtual representation of device on a remote user access device

using the registered information (figures 1, 6-8, 10-11, col. 7, lines 4-67);

transmitting a command to the device from the remote user access device; and

executing the command (col. 7, lines 4-67, col. 14, lines 42-62, col. 15, lines 49-col. 16,

lines 19).

5.   As to claim 2, Humpleman teaches the invention as claimed, further

comprising receiving an indication of a desire access the device (figures 1, 8, 10-11, col.

7, lines 4-47, col. 15, lines 49-col. 16, lines 19).

6.   As to claim 3, Humpleman teaches the invention as claimed, further

comprising receiving a request to command the device to perform a function (col. 7,

lines 4-67, col. 14, lines 42-62).

7.   As to claim 4, Humpleman teaches the invention as claimed, wherein

registering information regarding the virtual representation of the device comprises

transmitting the information associated with the device from the device a remote

database (figure 4, col. 11, lines 60-col.12, lines 22).

8.   As to claim 5, Humpleman teaches the invention as claimed, wherein the

information regarding the virtual representation of the device comprises information

regarding a parameter an action, an indicator (figures 6-8, 10-11, col. 7, lines 4-67, col.

9, lines 30-col. 10, lines 59).

9. As to claim 6, Humpleman teaches the invention as claimed, wherein the information regarding the virtual representation of the device comprises component, resource, template (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).

10. As to claim 7, Humpleman teaches the invention as claimed, wherein registering the information regarding the virtual representation of the device at a remote site is performed by the device (col. 7, lines 4-67, col. 14, lines 42-62).

11. As to claim 8, Humpleman teaches the invention as claimed, wherein generating the virtual representation further comprises generating a web wherein the web page comprises at least one indicator (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).

12. As to claim 9, Humpleman teaches the invention as claimed, wherein generating the virtual representation comprises dynamically generating the web page based a set of criteria (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).

13. As to claim 10, Humpleman teaches the invention as claimed, wherein the set criteria comprises display language, device type, or time of day (col. 8, lines 55-67, col. 9, lines 30-45).

14.   As to claim 11, Humpleman teaches the invention as claimed, wherein generating the virtual representation the device comprises: generating a display component and displaying the display component using template document (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).

15.   As to claim 12, Humpleman teaches the invention as claimed, wherein generating a display component inserting information regarding component into the template document; generating the display component using information inserted into the template (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).

16.   As to claim 13, Humpleman teaches the invention as claimed, wherein generating a virtual representation of the device comprises: generating a display resource and displaying the display resource using a template document (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).

17.   As to claim 14, Humpleman teaches the invention as claimed, further comprising: selecting a template from a plurality of templates associated with the device and selecting a component associated with the selected template (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 10, lines 59).

18.   As to claim 15, Humpleman teaches the invention as claimed, wherein selecting template comprises selecting the template from the plurality of templates based on display language, device type, or time of day (col. 8, lines 55-67, col. 9, lines 30-45).

19.   As to claim 16 Humpleman teaches the invention as claimed, wherein transmitting the command to further comprises transmitting the command from a remote user access device to a remote database (figures 1, 8, 10-11, col. 7, lines 4-47, col. 12, lines 13-34, col. 15, lines 49-col. 16, lines 19).

20.   As to claim 17, Humpleman teaches the invention as claimed, wherein transmitting the command to the device further comprises transmitting the command from remote database device (figures 1, 8, 10-11, col. 7, lines 4-47, col. 12, lines 13-34, col. 15, lines 49-col. 16, lines 19).

21.   As to claim 18, Humpleman teaches the invention as claimed, further comprising: generating data indicating that the command has been executed and generating an indicator on the web page using the data to reflect the state of the device (figures 6-8, 10-11, col. 7, lines 4-67, col. 9, lines 30-col. 11, lines 21, col. 12, lines 13-22).

22.   As to claim 19, Humpleman teaches the invention as claimed, further

comprising generating data indicating that the executed and updating a component

using the generated data to reflect the state of the device (figures 6-8, 10-11, col. 7,

lines 4-67, col. 9, lines 30-col. 11, lines 21, col. 12, lines 13-22).

23.   As to claim 20, Humpleman teaches the invention as claimed, wherein

executing the command is performed by the device (col. 7, lines 4-67, col. 14, lines 42-

62).

24.   As to claim 21, Humpleman teaches the invention as claimed, including a

system for controlling a device using a virtual representation of device comprising:

means for registering information regarding a virtual representation of the device

at remote site (figures 1, 4, col. 9, lines 30-col. 10, lines 58, col. 11, lines 60-col. 12,

lines 22);

means for generating the virtual representation of the device a remote user

access device using the registered information (f figures 1, 6-8, 10-11, col. 7, lines 4-

67);

means for transmitting a command the device from the remote user access

device; and means for executing the command (col. 7, lines 4-67, col. 14, lines 42-62,

col. 15, lines 49-col. 16, lines 19).

25.   As to claim 41, Shields teaches the invention as claimed, including a

virtual representation of a device comprising: a processor programmed to:

register information regarding a virtual representation of the device at remote site

(figures 1, 4, col. 9, lines 30-col. 10, lines 58, col. 11, lines 60-col. 12, lines 22);

generate the virtual representation of the device on a remote user access device

using the registered information (figures 1, 6-8, 10-11, col. 7, lines 4-67);

transmit a command to the device from the remote user access device; execute

the command (col. 7, lines 4-67, col. 14, lines 42-62, col. 15, lines 49-col. 16, lines 19).

26.   As to claim 22-40 and 42-60, they are system claims directed to

controlling a device using a virtual representation of the device of method claims 2-20.

Claims 22-40 and 42-60 have similar limitations to claims 2-20; therefore, they are

rejected under the same rationale.

Conclusion

27.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

28.   Shields et al. (USPN 6,680,730), Humpleman et al. (USPN 6,182,094),

Sandelman et al. (USPN 6,147,601), Collin et al. (USPN 6,330,597) are recited for

disclosing various information related to the claimed invention. Applicants are

requested to consider these prior art references when responding to this office action.

29.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thu Ha Nguyen, whose telephone number is (703) 305-7447. The examiner can normally be reached Monday through Friday from 8:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain T. Alam, can be reached at (703) 308-6662.

Any inquiry of a general nature of relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-9600.

The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9306 for regular communications.

Thu Ha Nguyen

September 9, 2004

HOSAIN ALAM
SUPERVISORY PATENT EXAMINER